

**CLAIMS:**

1. A bicycle lock consisting of
  - a) a housing (2) and a drum (3) rotatably mounted in the housing (2),
  - b) a rope (4) wound on the drum (3) which is guided outward through an opening (6) of the housing (2), whereby the rope (4) is fastened to the drum (3) with one end, and on the other outwardly guided end supports a half-lock (5a) which can be connected with the half-lock (5b) arranged in the housing (2) and fixed there,
  - c) a coil spring (7) which is arranged between the housing (2) and the drum (3),
  - d) a cylindrical opening (8) and through which the seat support (10) is guided, which is centrally arranged in the housing (2),
  - e) a fastening element for fixing the housing (2) to the seat support (10).
2. The bicycle lock according to claim 1, characterized in that the fastening element for fixing the housing (2) to the seat support (10) is formed by a tube (9) which is arranged in the opening (8) of the housing so as to be resistant to torsion, whose outside diameter corresponds to the diameter of the opening (8) and whose inside diameter corresponds to the diameter of the seat support (10) and which is fixed to the seat support (10).
3. The bicycle lock according to claims 1 and 2, characterized in that the tube (9) and/or housing (2) is fixed to the seat support (10) by means of a nut (13) which presses the end slit over the length of the

thread of the tube (9) of the housing (2) against the seat support (10).

4. The bicycle lock according to any one of the claims 1 to 3, characterized in that, by using tubes (9) having different inside diameters or inside cross sections, the bicycle lock (1) can be adapted to seat supports (10) of various diameters and/or cross-sectional shapes.
5. The bicycle lock according to any one of the claims 1 to 4, characterized in that the bicycle lock (1) is connected with a reflector (14).
6. The bicycle lock according to any one of the claims 1 to 5, characterized in that the bicycle lock (1) is connected with an acoustic signalling device (19).
7. The bicycle lock according to any one of the claims 1 to 6, characterized in that the acoustic signalling device (19) is connected with a motion sensor.
8. The bicycle lock according to any one of the claims 1 to 7, characterized in that the acoustic signalling device is connected with a transmitter (20) which transmits a message via the alarm to the mobile telephone of the owner and/or transmits a radio signal which makes it possible to locate the bicycle lock (1) via locator systems.
9. The bicycle lock according to any one of the claims 1 to 8, characterized in that the bicycle lock (1) is operated via a remote control.